

Amendments to the Specification:

On page 16, line 23, please replace the paragraph beginning “**Figure 6**” with the following amended paragraph:

~~Figure 6 lists~~ **Figures 6A-6C** list exemplary probes for CYP2D6 allele detection (~~SEQ ID NOs: 6, 25, 20, 21, 26, 43, 65, 66, 44, 63, 67, 64 respectively~~).

On page 47, line 8, please replace the paragraph beginning “Probes are utilized” with the following amended paragraph:

Probes are utilized as shown in ~~FIG. 6~~ ~~FIND FIGURE~~ **Figures 6A-6C** for detection of immobilized target CYP2D6 nucleic acid molecules.